

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Applicant: Caduff et al.  
Serial No.: 10/656,997  
Filed: September 5, 2003  
Title: IMPEDANCE SPECTROSCOPY BASED SYSTEMS AND  
METHODS  
Examiner: Brian J. Sines  
Art Unit: 1743

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Via Electronic Filing

**RESPONSE TO OFFICE ACTION DATED AUGUST 7, 2006**

Sir:

Responsive to the Office Action dated August 7, 2006, please amend the application as follows.

**Amendments to the Claims** begin on page 2 of this Response.

**Remarks** begin on page 8 of this Response.